

1 IN THE CLAIMS

2 Please cancel claims 1-30.

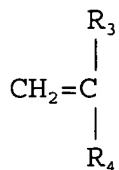
3
4 Please add the following new claims:

5
6 --31. An improved artificial nail composition comprising:

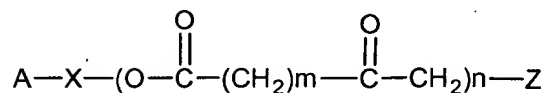
E/ 7 (a) from about 0.1-98.5% by weight of at least one
8 multicarbonyl-vinyl containing monomer; and

9 (b) from about 5-98% by weight of at least one ethylenically
10 unsaturated monomer.

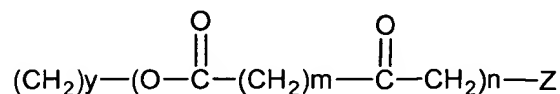
32. An improved artificial nail composition according to claim
31, wherein said multicarbonyl-vinyl containing monomer has the
formula:



wherein R_3 is H, a C_{1-30} straight or branched chain alkyl, aryl,
aralkyl; and R_4 is



or



wherein A =



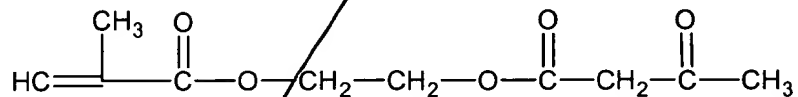
or,



X = C_{1-30} straight or branched chain alkyl, m is 1 to 5, n is 1 to
30, y is 0 to 50; and z = H or a C_{1-30} straight or branched chain

1 alkyl.

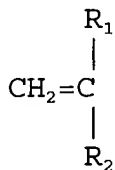
2
3 33. An improved artificial nail composition according to claim
4 31, wherein said multicarbonyl-vinyl containing monomer has the
5 formula:



9 34. An improved artificial nail composition according to claim
10 31, said composition further comprising from about 0.001-5% by
11 weight of a polymerization accelerator.

12
13 35. An improved artificial nail composition according to claim
14 34, wherein said polymerization accelerator is selected from the
15 group consisting of aromatic tertiary amines and aliphatic
16 tertiary amines.

36. An improved artificial nail composition according to claim
31, wherein said ethylenically unsaturated monomer has the
formula:

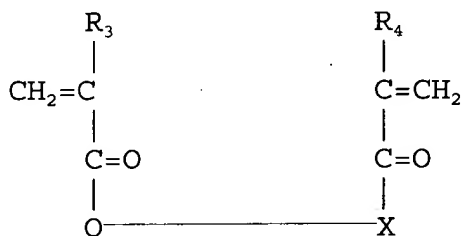


wherein R_1 is H, a C_{1-30} straight or branched chain alkyl, aryl,
aralkyl; R_2 is a pyrrolidone, or a substituted or unsubstituted
aromatic, alicyclic, or bicyclic ring where the substituents are
 C_{1-30} straight or branched chain alkyl, or COOM wherein M is H, a
 C_{1-30} straight or branched chain alkyl, pyrrolidone, or a
substituted or unsubstituted aromatic, alicyclic, or bicyclic
ring where the substituents are C_{1-30} straight or branched chain
alkyl which may be substituted with one or more hydroxyl groups,
or $[(CH_2)_mO]_nH$ wherein m is 1-20, and n is 1-200.

37. An improved artificial nail composition according to claim
31, wherein said ethylenically unsaturated monomer comprises from
about 50-98.5% by weight of a methacrylate monomer and from about
5-20% by weight of a hydroxyalkyl methacrylate monomer.

El confd

38. An improved artificial nail composition according to claim 31, wherein said ethylenically unsaturated monomer is a difunctional monomer having the formula:



wherein R_3 and R_4 are each independently H, a C_{1-30} straight or branch chain alkyl, aryl, or aralkyl; and X is $[(CH_2)_x O_y]_z$ wherein x is 1-20, and y is 1-20, and z is 1-100.

39. An improved artificial nail composition according to claim 31, wherein said ethylenically unsaturated monomer is selected from the group consisting of trifunctional acrylates, trifunctional methacrylates, polyfunctional acrylates and polyfunctional methacrylates.

40. An improved artificial nail composition according to claim 31, said composition further comprising from about 0.001-5% by weight of a plasticizer.

El confid

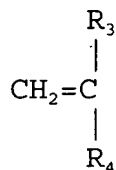
41. An improved artificial nail composition according to claim
40, wherein said plasticizer is selected from the group
consisting of esters, low volatility solvents, nonionic organic
surfactants and silicones.

42. An improved artificial nail composition according to claim
31, said composition further comprising a component selected from
the group consisting of UV absorbers and polymerization
regulators.

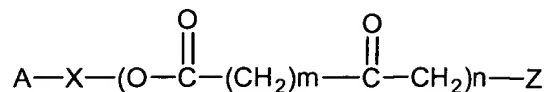
El confd

43. An improved artificial nail composition comprising:

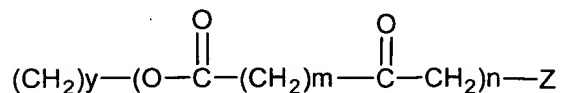
(a)



wherein R₄ is



or



wherein A =



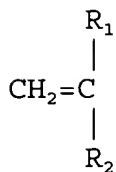
or,



X = C₁₋₃₀ straight or branched chain alkyl, m is 1 to 5, n is 1 to 30, y is 0 to 50; and z = H or a C₁₋₃₀ straight or branched chain alkyl; and

El conf'd

(b)



wherein R_1 is H, a C_{1-30} straight or branched chain alkyl, aryl, aralkyl; R_2 is a pyrrolidone, or a substituted or unsubstituted aromatic, alicyclic, or bicyclic ring where the substituents are C_{1-30} straight or branched chain alkyl, or COOM wherein M is H, a C_{1-30} straight or branched chain alkyl, pyrrolidone, or a substituted or unsubstituted aromatic, alicyclic, or bicyclic ring where the substituents are C_{1-30} straight or branched chain alkyl which may be substituted with one or more hydroxyl groups, or $[(CH_2)_mO]_nH$ wherein m is 1-20, and n is 1-200.

44. An improved artificial nail composition according to claim 43, said composition further comprising from about 0.001-5% by weight of a polymerization accelerator.

45. An improved artificial nail composition according to claim 44, wherein said polymerization accelerator is selected from the group consisting of aromatic tertiary amines and aliphatic tertiary amines.

El cont'd

1 46. An improved artificial nail composition according to claim
2 43, said composition further comprising from about 0.001-5% by
3 weight of a plasticizer.
4

5 47. An improved artificial nail composition according to claim
6 43, wherein said plasticizer is selected from the group
7 consisting of esters, low volatility solvents, nonionic organic
8 surfactants and silicones.
9

10 48. An improved artificial nail composition according to claim
11 43, said composition further comprising a component selected from
12 the group consisting of UV absorbers and polymerization
13 regulators.--
14
